



Wide-screen High Performance Projector for Video with Impact

Christie's LW25U delivers high performance images with wide-screen punch wherever the ultimate in video presentation is needed.

With a true 16:9 aspect ratio and the visual power of 2200 ANSI lumens, the LW25U displays native HD content in its purest form and expands the capability of your presentations. Images have the "impact" factor of widescreen format without compromising image area or screen brightness.

Perfect for smaller rooms and lower light conditions, the native WXGA panel provides 44% more pixels on the screen than an XGA resolution projector displaying 16:9 content. When displaying computer or data presentations, the image can be centered on the screen in pixel-perfect XGA (1024x768) mode without changing the zoom lens or cropping the image height.

The latest 3D digital video processing produces sharp video images from analog and digital sources. A 90% brightness uniformity and a 900:1 contrast ratio take your images to a higher level of presentation.

Feature-rich and supported by a full suite of optional lenses and accessories for the ultimate presentation flexibility and control, the LW25U is compatible with Christie's Real Color Management (RCM) software. Users can target and match the displayed color to specific gamma curves and reference monitors for picture-perfect presentation and real-life images.

Compatible with a broad spectrum of analog and digital video and data inputs including DVI-D formats to interface perfectly with the latest source players and receivers. Network connectivity is available through ChristieNET™ to attach the LW25U to any network to monitor lamp life, projector temperature and other vital functions for full control and monitoring for preventative maintenance in real time.

- 2,200 ANSI Lumens
- True WXGA resolution (1366 x 768)
- Contrast ratio 900:1
- Digital and analog connectivity of data and video sources
- Digital De-interlacing Technology
- Digital and optical keystone correction
- Motorized zoom, focus & lens shift (up/down)
- Digital magnification up to x49 and pan
- Picture and audio mute function
- Suite of optional lenses and accessories

APPLICATIONS

- Boardrooms, conference rooms
- Auditoriums and churches
- Training rooms, classrooms
- Casinos, theme parks and museums

LW25U • 38-VIV212-02

For Boardrooms, Conference Rooms, Classrooms, Training Rooms

Brightness

- 2,200 ANSI lumens
- 90% brightness uniformity

Contrast Ratio

- 900:1

Resolution

- 3 x 1.2" p-Si Active Matrix TFT LCD panels
- True WXGA 1366 x 768
- 8-bit color resolution offering 16.7 million displayable colors
- 10-bit linear gamma

Dynamic Scaling

- Digital scaling of VGA to SXGA resolutions to WXGA
- Digital de-interlacing of STV, DTV and HDTV formats with DDT technology

Horizontal Frequency Range

- 15 to 100 kHz

Network Connection

- Optional ChristieNET™ for connection to TCP/IP network

Source Compatibility

- Compatibility with VGA, SVGA, XGA, SXGA and MAC computer sources
- Accepts composite video, S-Video and component video from VCR, DVD, laser disc players and video cameras
- Auto detects PAL, PAL-M, PAL-N, NTSC, NTSC4.43 and SECAM video standards
- Compatible with DTV/HDTV formats 480i, 480p, 575i, 575p, 720p, 1035i and 1080i
- HDTV compatible 800 TV lines horizontal resolution
- Digital Visual Interface (DVI-D) compatible
- Video decoder with 3D digital comb filter for Y/C separation

Power Requirements

- Universal power AC 100 - 240V, 50/60Hz
- Power consumption: 380W maximum or 310W in economy mode
- Thermal dissipation: 1,297 BTU/hr or 1,080 BTU/hr in economy mode
- Operating temperature: 5 - 35° C (storage - 10 to 60°)
- Operating humidity: 20 - 80% (storage 0 - 90%)

Weight & Size

- 15.0lbs (6.8kg) without lens
- 12.6" x 6.6" x 16.9"
- 320mm x 167mm x 430mm

Standard Accessories

- Remote control keypad with mouse control and laser pointer (IR/Wired operation)
- User manual
- Computer cable

FEATURES



- ChristieNET™ attaches the LW25U to any network for monitoring and control of vital projector functions.



- With 44% more pixels than an XGA projector displaying 16:9 content, the LW25U provides high pixel density and a smoother image.



- A user-replaceable 200W UHP lamp offers 2200 ANSI lumens, perfect for smaller audiences and screen sizes.

Vertical Frequency Range

- 50 to 100 Hz

Dot Clock

- 140 MHz

Optional Lenses

The LW25U is offered in a lens-less configuration. Choose the lens appropriate for your application:

- Fixed short throw 0.8:1 lens
- Medium throw 1.3-1.8:1 zoom lens
- Standard throw 1.8-2.4:1 zoom lens
- Long throw 2.4-4.3:1 zoom lens
- Ultra long throw 4.3-6.0:1 zoom lens

Vertical Lens Shift

- From 10:0 (up) to 1:1 on axis

Inputs

- Input 1: digital RGB (24 pin DVI-D) or analog RGB (15pin D-sub); audio input (1 x 3.5mm mini stereo)
- Input 2: analog RGB with 5 BNC for RGBHV, YPbPr and YUV; audio input (1x 3.5mm mini stereo)
- Input 3: composite (RCA), YPbPr, and YUV video (3 RCA connection); S-Video (4 pin mini DIN); audio input (2x RCA L/R)
- Control port input: (mini DIN 8-pin x1 USB type B x 1)

Outputs

- Two built-in 2W RMS speakers (per channel) and amplifier

Enhanced Feature Set

- 3D Digital noise reduction
- Power zoom and focus
- Motorized lens shift (up/down)
- Dual keystone correction, digital and optical +/- 40° vertical, +/- 10% horizontal
- Digital zoom and pan (max x49)

Control/Networking

- Automatic set-up (phase/tracking/positioning)
- USB Type B
- LED display for diagnostics
- Remote control jack
- RS232-C communications port via 8-pin mini DIN terminal
- IR remote keypad with laser pointer and mouse control
- Front and rear IR receivers

Graphical User Interface

- Easy set-up and intuitive on screen displays (OSD)
- Direct key functions
- Choice of image aspect ratios (4:3 or wide 16:9)
- Multi-language OSD (English/German/French/Spanish/Italian/Portuguese/Dutch/Swedish/Chinese/Korean/Japanese)

Lamp Specification

- 200W UHP lamp module
- User replaceable lamp

- Mac/VGA adapter
- Mouse control cable (PS/2, Serial and Mac)
- Dust cover
- Lens cover
- AC cord x 2 (UL and European)

Optional Accessories

- ChristieNET™
- Fixed short throw 0.8:1 lens
- Medium throw 1.3-1.8:1 zoom lens
- Standard throw 1.8-2.4:1 zoom lens
- Long throw 2.4-4.3:1 zoom lens
- Ultra long throw 4.3-6.0:1 zoom lens
- Lamp module
- Ceiling mount
- Shipping case
- Soft-sided carrying case
- Cover

Anti-theft Security

- Compatible with Kensington® style security mechanisms

Regulatory Approval

- Complies with all relevant worldwide EMC and Safety standards
- The product complies with FCC class B, CE mark and safety requirements IEC950 (EN60950), UL1950/cUL

Warranty

- Product warranty, 3 years parts and labor (excluding lamp)
- Lamp warranty 120 days

Reliability

- Mean time between failure (MTBF) over 28,000 hrs

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